

## Abrasion Resistant Coating for Stacks of Fiber Cement Siding

### Abstract

5 This invention relates to a novel stack of siding, comprising: first and second  
coated siding pieces comprising an outer topcoat layer, an inner decorative coating  
layer and a fiberboard cement substrate layer; and a liner positioned between the first  
and second coated siding pieces. The siding, during normal transportation and  
10 installation, retains an acceptable appearance that is substantially free of viewable  
scratches or mars. In more preferred embodiments, the outer topcoat layer of the  
siding has a thickness of at least 8 microns and comprises a polyurethane dispersion.  
The present invention also provides novel methods of pre-finishing a fiberboard  
cement siding product, comprising the steps of: providing a fiberboard cement  
15 substrate layer; coating a first major surface of the fiberboard cement substrate with  
a decorative coating; coating the exposed surface of the decorative coating with a  
topcoat layer; and curing the topcoat layer to provide an abrasion resistant siding.  
More preferably, the curing step comprises a process that does not require heating  
the siding to a board surface temperature in excess of 100 °C.

#### CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL 888271529 US

Date of Deposit: November 1, 2001

I hereby certify that this paper or fee is being deposited with the United States  
Postal Service "Express Mail Post Office to Addressee" service under 37 CFR  
§1.10 on the date indicated above and is addressed to the Assistant  
Commissioner for Patents, ATTN: Box PATENT APPLICATION, Washington,  
D.C. 20231

By: Gara Ladwig  
Name: Gara Ladwig